



News & Notes from the National Institute of Nursing Research: June 2010

1. Dr. Grady Authors *Nursing Outlook* Article

“Translational Research and Nursing Science,” a new article by NINR Director Dr. Patricia A. Grady, appeared in the May-June 2010 issue of *Nursing Outlook*, the official journal of the American Academy of Nursing.

In the article, Dr. Grady discussed several NINR-supported projects and trans-NIH initiatives as examples of how collaborative, team-based science is closing the gap between research and practice.

Quoting the article, “Translational research provides the means to apply the knowledge derived from basic healthcare research to interventions that improve health. With our clinical expertise, nurse scientists are well positioned to take leadership roles and serve as catalysts in the growth of this emerging field of science. At NINR, we will continue to support studies across the broad range of science, while promoting the essential role of translational research in connecting research findings to optimal health outcomes for all.”

A PDF copy of the article is available on the Director’s page of the NINR website, at: <http://www.ninr.nih.gov/AboutNINR/NINRDirectorsPage/default.htm>.

2. NINR Redesigns Online Training Course for Nurse Scientists

“Developing Nurse Scientists,” an online training course for early-career researchers produced by NINR, has been redesigned. “Developing Nurse Scientists” provides an introduction to research grantsmanship for new doctoral graduates and early career scientists.

The free course is available online at <http://www.ninr.nih.gov/Training/OnlineDevelopingNurseScientists> and registration is required.

For questions or technical assistance with the course, please contact:

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3. NIH Center for Scientific Review Videos Offer Help for Grant Applicants

The NIH's Center for Scientific Review (CSR) has released two new videos to help explain how the NIH Peer Review process works and offer tips for new applicants.

The first video, "NIH Peer Review Revealed," explains how NIH assesses over 80,000 grant applications each year to help find those with the most merit. With the majority of NIH's \$31 billion budget supporting grants to researchers, these assessments help ensure investments lead to significant advances in science and health.

CSR also has released a companion video, "NIH Tips for Applicants," in which reviewers and NIH staff members provide advice to new applicants. Both videos can be viewed and downloaded via CSR's website at:

<http://cms.csr.nih.gov/ResourcesforApplicants/InsidetheNIHGrantReviewProcessVideo.htm>.

4. June Featured Research Highlight: NINR-Supported Research Results in Evidence-Based Programs to Prevent Teen Pregnancy

NINR-supported researchers explore and address some of the most important challenges affecting the health of the American people. Each month, the NINR website will highlight research from the community of NINR-supported scientists across the U.S.

The current featured highlight focuses on three interventions, designed by NINR-supported investigators, that were recognized by the Department of Health and Human Services (HHS) as being effective at preventing teen pregnancy.

Under the President's new Teen Pregnancy Prevention Initiative, HHS is charged with supporting the replication of teen pregnancy prevention programs determined to be effective through rigorous evaluation criteria.

Of the 28 U.S. programs deemed most effective at preventing teen pregnancy by an independent, outside review, several were developed and tested by NINR-supported investigators, including:

- 1) **"Be Proud! Be Responsible!":** Developed by Dr. Loretta Sweet Jemmott and her colleagues at the University of Pennsylvania, this program was found to effectively reduce HIV/AIDS risk behaviors in adolescents. Originally focused on African-American males, this program has been further adapted for use in multiple, diverse populations.
- 2) **"Be Proud! Be Responsible! Be Protective!":** Developed by Dr. Deborah Koniak-Griffin of the University of California, Los Angeles and her colleagues, and adapted from Dr. Jemmott's program described above, this program has been shown to effectively address HIV/AIDS risk behaviors in adolescent mothers.
- 3) **"Cuidate!":** Developed by Dr. Antonia Villarruel of the University of Michigan, in collaboration with Dr. Jemmott, this program successfully adapted the Be Proud! Be Responsible! program to effectively reduce HIV/AIDS risk behaviors in adolescent Latinos.

For more information on the President's Teen Pregnancy Prevention Initiative and the HHS review, and to view the full list of selected programs, please see:

<http://www.hhs.gov/ophs/oah/prevention/research/programs/index.html>.

More details on the current featured highlight and the studies' lead researchers, are available at: <http://www.ninr.nih.gov/ResearchAndFunding/ResearchHighlights/#FEATURE>.

Past featured research highlights are archived online at: http://www.ninr.nih.gov/ResearchAndFunding/Featured_Research_Highlight_Archive.

5. Application Period Extended for the 2010 BNC Fellowship

The application deadline for the BNC Fellowship for research in integrative medicine has been extended to September 15, 2010. Jointly sponsored by the Bravewell Collaborative, NINR, and the NIH Clinical Center (BNC), the BNC Fellowship provides a unique opportunity that combines the academic environment of a university with the breadth and depth of the intramural research program at the NIH.

The full-time, two-year program includes participation in clinical and research experiences with a clinical integrative health focus, and encourages interdisciplinary collaboration to optimize health and healing for individuals, families, and communities. To be eligible, an applicant must be a U.S. citizen and have successfully completed a PhD or equivalent research-based doctoral degree within the past five years.

Please note: The BNC application must be completed online. In addition, all applicants must submit by mail a hardcopy, 3-page biobehavioral research proposal on a topic relevant to integrative medicine.

The online application is due September 15, 2010. In addition, the mailed research proposal must be postmarked no later than **September 10, 2010**.

More information is available at: www.ninr.nih.gov/Training/BNCFellowship. The BNC Fellowship begins on November 1, 2010.

For more information, please contact:

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(301) 443-5061
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6. NINR-Supported Scientist to Speak at Science in the Cinema

Please join NINR at Science in the Cinema for the screening of "My Sister's Keeper," a powerful drama that addresses bioethics and end-of-life issues. This event will take place at the American Film Institute Silver Theater and Cultural Center in Silver Spring, Maryland on August 4, 2010 at 7:00 p.m.

NINR-funded scientist Dr. Pamela Hinds, Director of the Department of Nursing Research and Quality Outcomes at the Children's National Medical Center, will make a commentary and lead a question and answer discussion to analyze issues raised by the film.

Tickets are free and available on a first-come, first-serve basis on the day of the show. For more information about "My Sister's Keeper" and the Science in the Cinema series, please visit: <http://science.education.nih.gov/home2.nsf/DC+Area+Programs/++Science+in+the+Cinema/336217666421519E852575C4004EF7BF>.

7. NINR's 25th Anniversary and 2010 Science Symposium

Starting this fall, NINR will begin commemorating its 25th anniversary. NINR was founded on the belief that nursing science not only deserved a place within the NIH, but that it could also contribute in new and distinctive ways to the health care sciences and improve the health of our nation's people.

Reaching our 25th anniversary is not simply a milestone—it signifies the progress and achievement of nursing science.

To kick off the 25th Anniversary events, NINR will hold a Scientific Symposium, “Bringing Science to Life,” on September 30, 2010, from 8:30 a.m. – 4:30 p.m., in the Natcher Auditorium on the NIH Campus in Bethesda, MD. This program is free of charge.

Registration is now available on the NINR website at: www.ninr.nih.gov/25years. This site also contains general information about the Symposium, and the agenda.

To receive notification as updates are posted, a Really Simple Syndication (RSS) feed for the NINR 25th anniversary web page is available at: <http://www.ninr.nih.gov/Rss>.

8. i6 Challenge to Award \$12 Million to Spark Innovation, Entrepreneurship

The i6 Challenge is a multi-agency innovation competition led by the U.S. Department of Commerce (DOC) and its Economic Development Administration (EDA). The DOC and EDA will coordinate this funding opportunity with the NIH, the National Science Foundation (NSF), and the U.S. Patent and Trademark Office (USPTO) to leverage federal resources and maximize available funding to i6 Challenge winners.

The i6 Challenge is designed to encourage and reward innovative, ground-breaking ideas that will accelerate technology commercialization and new venture formation across the United States, for the ultimate purpose of helping to drive economic growth and job creation.

EDA will award up to \$1 million to each of six winning teams with the most innovative ideas to drive technology commercialization and entrepreneurship in their regions. NIH and NSF will award a total of up to \$6 million in supplemental funding to their SBIR grantees that are associated or partnered with the winning teams.

Entrepreneurs, investors, universities, foundations, and non-profits are encouraged to participate in the i6 Challenge.

The deadline for applications is July 15, 2010.

For more information, visit: <http://www.eda.gov/i6>

9. Current Funding Opportunity Announcements and Notices

All current NINR Funding Opportunity Announcements, including Requests for Applications (RFAs) and Program Announcements (PAs), as well as Notices of interest from NIH, are available on the NINR website at:

<http://www.ninr.nih.gov/ResearchAndFunding/DEA/OEP/FundingOpportunities/default.htm>.

These items can also be found in the NIH Guide for Grants and Contracts:
<http://grants.nih.gov/grants/guide/index.html>.

Recent opportunities of note include:

Informed Decision-Making in Young Adolescents at Risk for HIV/AIDS (R01)

(RFA-NR-10-008)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-10-008.html>

Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows in Nursing Research (F31)

(PAR-10-211)

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-211.html>

NIH Blueprint for Neuroscience Research Grand Challenge on the Transition from Acute to Chronic Neuropathic Pain (R01)

(RFA-DE-11-002)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-11-002.html>

10. U.S. Department of the Treasury Announces Therapeutic Discovery Tax Credit

The U.S. Department of the Treasury recently announced the guidelines for applying for the new Qualifying Therapeutic Discovery Project tax credit created by the Patient Protection and Affordable Care Act. The credit is a tax benefit targeted to therapeutic discovery projects that show a reasonable potential to:

- Result in new therapies to treat areas of unmet medical need or prevent, detect or treat chronic or acute diseases and conditions,
- Reduce the long-term growth of health care costs in the United States, or
- Significantly advance the goal of curing cancer within 30 years.

Allocation of the credit will also take into consideration which projects show the greatest potential to create and sustain high-quality, high-paying U.S. jobs and to advance U.S. competitiveness in life, biological and medical sciences.

The credit is only available to taxpayers with no more than 250 employees. The credit covers up to 50 percent of a taxpayer's qualified investment. To provide an immediate boost to U.S. biomedical research, the credit is available for qualified investments made or to be made in 2009 and 2010. To claim the credit, a taxpayer must apply for certification of its qualified investments. The amount of the credit which a taxpayer may be allocated will be limited to a maximum of \$5 million per taxpayer, and the total amount of credits available to all taxpayers is limited to \$1 billion.

IRS [Notice 2010-45](#), released on May 21, 2010, describes the process by which taxpayers can apply to have a therapeutic discovery project certified as eligible for a credit or grant.

To apply, applicants must use IRS Form 8942, Application for Certification of Qualified Investments Eligible for Credits and Grants Under the Qualifying Therapeutic Discovery Project Program (Catalog Number 37748D). The application form is available online at:

<http://www.irs.gov/pub/irs-pdf/f8942.pdf>

Applicants must also include a Project Information Memorandum in the form described in Appendix A to Notice 2010-45. The Project Information Memorandum is available online in Microsoft Word (http://grants.nih.gov/grants/funding/QTDP_PIM/QTDP_PIM.doc) or PDF format (http://grants.nih.gov/grants/funding/QTDP_PIM/QTDP_PIM.pdf.)

Applications must be postmarked no later than July 21, 2010.

The IRS will issue certifications by October 29, 2010.

For more information on the Therapeutic Discovery Project Program, please visit:

http://grants.nih.gov/grants/funding/QTDP_PIM/index.htm.

11. STAR METRICS: A New Way to Measure the Impact of Federally Funded Research

The NIH has partnered with the National Science Foundation (NSF) and the White House Office of Science and Technology Policy (OSTP) on a new initiative that promises to monitor the impact of federal science investments on employment, knowledge generation, and health outcomes. The initiative—Science and Technology for America’s Reinvestment: Measuring the Effect of Research on Innovation, Competitiveness and Science, or STAR METRICS—will help the Federal government document the value of its investments in research and development to a degree not previously possible. Together, NSF and NIH have committed \$1 million for the program’s first year.

"STAR METRICS will yield a rigorous, transparent review of how our science investments are performing," said NIH Director Francis Collins in a press release. "In the short term, we’ll know the impact on jobs. In the long term, we’ll be able to measure patents, publications, citations, and business start-ups."

Data for the program will come from research institutions that volunteer to participate and the federal agencies that fund them. Information will be gathered from the universities in a highly automated way, with minimal or no burden for the scientists and the university administration.

STAR METRICS is based on a highly successful pilot program that includes seven research institutions. The program is being extended to more universities, with 60 already having expressed interest in taking part.

There are two phases to the program. The first phase will use university administrative records to calculate the employment impact of federal science spending through the American Recovery and Reinvestment Act and agencies' existing budgets. The second phase will measure the impact of science investment in four key areas:

- Economic growth will be measured through indicators such as patents and business start-ups.
- Workforce outcomes will be measured by student mobility into the workforce and employment markers.

- Scientific knowledge will be measured through publications and citations.
- Social outcomes will be measured by long-term health and environmental impact of funding.

For more information about STAR METRICS, please visit: http://nrc59.nas.edu/star_info2.cfm